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October 5, 2001

FACSIMILE 314-231-4342 http://www.senniger.com

PATENTS, TRADEMARKS, COPYRIGHTS AND RELATED MATTERS

> OF COUNSEL IRVING POWERS DONALD G. LEAVITT RICHARD G. HEYWOOD

STUART N. SENNIGER (1921-1997)

UTILITY PATENT APPLICATION TRANSMITTAL (new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket Number: LELI 3442

First Named Inventor: Jefferson YS Yang

DIAPHRAGM PUMP AND ANODE STREAM RECIRCULATION SYSTEM Title:

USING SUCH PUMP FOR A FUEL CELL

Express Mail Label Number: EL 890728012 US

Assistant Commissioner for Patents TO: Box Patent Application Washington, D.C. 20231

APPLICATION ELEMENTS

- Fee Transmittal Form [X] 1. (original and duplicate)
- Applicant claims small entity status [X] 2.
- Specification [Total Pages 14] [X] 3.
- Drawings [Total Sheets <u>5</u>] 4. [X]

a.

- Oath or Declaration [Total Pages 4] 5.
 - Newly executed (original or copy) [X] New (unexecuted) []
 - Copy from a prior application b. (for continuation/divisional with Box 19 completed)
 - [] DELETION OF INVENTOR(s) Signed statement attached deleting inventor(s) named in prior application.





6.	copy cons:	Incorportion By Reference (useable if Box 5b is marked) entire disclosure of the prior application, from which a of the oath or declaration is supplied under Box 5b, is idered as being part of the disclosure of the mpanying application and is hereby incorporated by rence therein.		
7.	[X]	Application Data Sheet		
8.	[]	CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)		
9.	[]	Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)		
		 a. [] Computer Readable Form b. [] Specification Sequence Listing on: i. [] CD-ROM or CD-R (2 copies); or ii. [] paper c. [] Statements verifying identity of above copies 		
ACCOMPANYING APPLICATION PARTS				
10.	[X]	Assignment Papers (cover sheet & document(s))		
11.	[]	37 CFR 3.73(b) Statement [] Power of Attorney		
12.	[]	English Translation Document (if applicable)		
13.	[]	IDS with PTO-1449 [] Copies of IDS Citations		
14.	[]	Preliminary Amendment		
15.	[X]	Return Receipt Postcard		
16.	[]	Request and Certification for Non-Publication. Form PTO/SB/35 is attached.		
17.	[]	Certified Copy of Priority Document(s) if foreign priority is claimed		
18.	[]	Other:		
IF A CONTINUING APPLICATION, CHECK APPROPRIATE BOXES AND SUPPLY THE REQUISITE INFORMATION				
19.	[]	Continuation [] Divisional [] Continuation-in-Part of prior application No.:		
	[]	Complete Application based on provisional Application No		

Prior application information: Examiner: Group Art Unit:

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CORRESPONDENCE ADDRESS

20. Correspondence Address: Customer Number 321 Attention: Kurt F. James

Respectfully submitted,

Kurt F. James, Reg. No. 33,716

KFJ/dss

FEE TRANSMITTAL

Application Number to be assigned Filing Date October 5, 2001 Inventor(s) Jefferson YS Yang Attorney Docket Number LELI 3442

		METHOD OF PAYMENT
1.	[]	The Commissioner is hereby authorized to charge the indicated fees to Deposit Account No. 19-1345.
		The Commissioner is hereby authorized to charge any additional fees required under 37 CFR 1.16 and 1.17 to Deposit Account No. 19-1345.
	[X]	Applicant claims small entity status.
2.	[X]	Check Enclosed. The Commissioner is hereby authorized to charge any under payment or credit any over payment to Deposit Account No. 19-1345.
		FEE CALCULATION
1.	[X]	BASIC FILING FEE Subtotal (1) \$ 370.00 (Type: Utility)
2.	[]	EXTRA CLAIM FEES Subtotal (2) \$
		Total Claims <u>15</u> Independent Claims <u>2</u> Multiple Dependent Claims
3.	[]	ADDITIONAL FEES Subtotal (3) \$ 40.00
		<pre>[] Surcharge - late filing fee or oath [] Surcharge - late provisional filing fee or cover sheet [] Extension for reply within month [] Notice of Appeal [] Filing a Brief in Support of an appeal [] Request for ex parte Reexamination [] Petitions to the Commissioner [] Submission of Information Disclosure Statement [X] Recording each patent assignment per property [] Request for Continued Examination [] Other:</pre>
TOTAL	AMO	UNT OF PAYMENT \$ 410.00

 Kurt F. James Reg. No. 33,716
 October 5, 2001

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